Safety

Variant: [No Variations]

1/23/2019 Version P1

RELEASED 23-JAN-2019

Page	Index	Page	Index	Page	Index	Page	Index
1	COVER PAGE	11	REVISION HISTORY	21		31	
2	BLOCK DIAGRAM	12		22		32	
3	IMU	13		23		33	
4	MCU	14		24		34	
5	POWER SUPPLY	15		25		35	
6	RS232 INTERFACE	16		26		36	
7	RS485 INTERFACE	17		27		37	
8	CAN INTERFACE	18		28		38	
9	SD CARD	19		29		39	
10	MICROFIT	20		30		40	

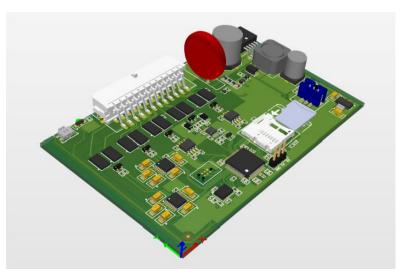
DESIGN CONSIDERATIONS

DESIGN NOTE: Example text for informational

DESIGN NOTE:

DESIGN NOTE: Example text for critical

DESIGN NOTE: Example text for debug notes



TRUCKS	Trucks	s Control	https://truckscontrol.com.br									
CONTROL	Title:	Safety	Variants:	[No	Variat	ions]						
Page Contents: [01] - COVER PAGE.SchDoc Checked by: Alex Batista												
Size:			Version:	P1								
Date: 1/23	/2019		Sheet:	1	of	12						
-				0								

Safety (Block Diagram) +14V_MICROFIT **OVERVOLTAGE BATTERY CHARGER/ BUCK CONVERTER** LDO REGULATOR PROTECTION POWER PATH BATTERY PACK Page 04 Page 10 Page 06 USART3 **RS232 TRANSCEIVER** Page 06 Page 09 SPI1 USART5 SD CARD RS232 TRANSCEIVER Page 03 Page 08 IMU **CAN TRANSCEIVER** Page 08 CAN2 USER Button (e.g. Reset Board) **CAN TRANSCEIVER** ARM® Cortex®-M4 Microfit Connector 24x2 Page 07 STM32F4 Microcontroller 32-Bit 100MHz **RS485 TRANSCEIVER** 1.5MB FLASH STATUS LED 64-LQFP (10x10) (GREEN) Page 04 **IGNITION INPUT PROTECTION** +14V MICROFIT Page 05 PC2/ADC1 IN12 Page 04 +14V DIVIDER EXTERNAL SENSOR **PROTECTION** +VBATPage 05 PC3/ADC1 IN13 +VBAT DIVIDER +14V_MICROFIT Page 04 Input Power Microfit (+14V DC) JTAG/SWD CONNECTOR



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Sheet: 2 of 12

Date: 1/23/2019

